

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET
(pursuant to NAC 445A.236)

Permittee Name: RED Sparks Legends Development Inc.
4717 Central
Kansas City, Missouri 64112

Permit Number: NEV2008508

Description of Discharges

Location:

Legends at Sparks Marina, streetscapes and parking lot landscape reuse irrigation, 1555 East Lincoln Way, Sparks, NV.

Longitude: 119B 42' 54"W., Latitude: 39B 31' 58"N.

Section 10, T.19N., R.20E. MDB&M

Characteristics: The Truckee Meadows Water Reclamation Facility (TMWRF-NEV2003506) will provide Class B tertiary treated, denitrified and disinfected effluent for reuse irrigation at the 3.5 acre Legends at Sparks Marina commercial property. Reuse at the approved site will be via drip irrigation of trees and other landscape plant materials in the parking lot and streetscape areas; some minor common areas of turf grass will be irrigated via spray irrigation. All reuse irrigation operations shall be conducted and operated in accordance with the approved Effluent Management Plan (EMP) and permit conditions; dust control, and construction water use is also authorized.

Flow: The applicant has applied for a permit for a total flow of 0.020 MGD 30-Day Average Flow. The permit requires the reuse water quantity to be monitored and reported. The maximum monthly flow is based upon the highest usage month determined from the consumptive use balance plus 10% allowance, and in accordance with the approved Effluent Management Plan. The annual application volume is limited to a maximum of 15 acre feet/year for the site.

Fecal Coliform:

Fecal Coliform:* 2.2 CFU/MPN/100 ml 30 day average CFU = Colony Forming Units;
23
CFU/MPN/100 ml daily max.
MPN = Most Probable
Number; ml = Milliliter

** Sample results are obtained from TMWRF (# NEV2003506)*

General: *The applicant intends to manage and reuse tertiary treated, denitrified and disinfected effluent water provided by the Truckee Meadows Water Reclamation Facility (TMWRF) on streetscapes/common areas/parking lot commercial landscaping sites. The TMWRF provides reclaimed water that meets Category B quality per NAC 445A.276, and is denitrified below 10 mg/l N.*

Receiving Water Characteristics: *Groundwater in the area is potable and the depth to groundwater in the area is 10 feet. The Permittee, as described in the approved Effluent Management Plan (EMP), will need to ensure that the treated denitrified effluent is applied at the consumptive rate. No adverse effects to groundwater are expected to occur as a result of this effluent reuse.*

Procedures for Public Comment: *The Notice of the Division's intent to issue the permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Reno Gazette-Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of the publication of the public notice. All comments must be received by July 20, 2008. The comment period can be extended at the discretion of the Administrator.*

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination

The Division has made the tentative determination to issue the proposed permit for a period of five (5) years.

Schedule of Compliance

Cross-Connection control documentation approved by the Washoe County Health Department and Truckee Meadows Water Authority (where applicable) for the Legends at Sparks Marina commercial site shall be confirmed and submitted prior to effluent reuse.

Rationale for Permit Requirements

Required parameters are monitored to ensure effluent reuse requirements are maintained per NAC 445A.275 and 445A.276.

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